ILL 13 EB Over Big Muddy Ri								heet 1		
Route: ILL 13 St	ructure	Numbe	r: <u>039</u> -	0013 a	nd 039-0049		Date:		0/5/20	
Section	_					Bore	d By:	Bryan	Keller	
County: Jackson	Locat	tion: E	. Edge	of Mur	physboro	Checke	d By:	Rob Gr	aeff	
		_			Surf Wat Elev: 338	3.5				
Boring No 3-S	DE	B L			Ground Water Elevation		D E	B L		
Station 339+94	P	ō				4.2	P	0		
Offset 30' LT CL	J T I	w	Qu		At Completion		T	w	Qu	
Ground Surface 353.7 Ft	Н		tsf	W%	At: 24 Hrs: 3	50.4	н		tsf	W%
Hard, damp, brown, Silty				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Medium, very moist, grey,		Ī	WH	0.6B	28
Clay A7-6					Silty Clay A-6			WH		
	-									
_						326.7				
	_	2			Medium, very moist, grey, C	lay		WH		
-		8	4.5P	17	A7-6	_		WH	0.7B	26
	\dashv	15					-	WH		
349.2						324.2				
Very stiff, damp to moist, brown,	5.0	2			Medium, very moist, grey, C		30.0	WH		
Silty Clay A7-6		3	2.5P	16	to Silty Clay A7-6 with	, _	30.0	3	0.7B	3:
, , , , , , , , , , , , , , , , , , , ,		3			Sand layers			2	0.75	0.
-						_				
346.7						321.7				
Stiff, moist, brown, Silty Clay		WH			Very loose, wet, grey, fine			WH		
to Clay A7-6		1	1.2B	17	Silty Sand with Silty Clay La			WH		2
	\dashv	1			90% Sand; 7% Silt; 3% Cla	у	-	WH		
344.2						319.2				
Soft, very moist, grey, Clay to	10.0	WH			Mdium, wey, grey, Sandy	010.Z	35.0	WH	~	
Silty Clay A7-6		1	0.4B	31	Gravel	_	00.0	9		1-
_		WH			45% Sand			8		
					11% Silt	_				
-					3% Clay; 41% Gravel	316.7				
		WH			Loose, wet, grey, Sandy			4		
-		WH	0.3B	33	Gravel	_		4		
	-	WH			45% Sand 11% Silt			4		
-					3% Clay; 41% Gravel	314.2				
	15.0	WH			Stiff, very moist, brown, Cla		40.0	1		
-		WH	0.3B	31	A7-6 with some Gravel	, –		1	1.2B	3
_		WH				_		2		
						_				
336.7		180:			4	_				
Soft to medium, very moist, grey,	_	WH	0.50		4					
Clay to Silty Clay A7-6		WH WH	0.5B	29		_				
	_	- V V I			1					
-					 ·	309.2				
_	20.0	WH			Medium, very moist, grey,		45.0	1		
		WH	0.5B	29	A7-6			2	0.8B	3
		WH			1	_		2		
					II .					
Soft year maint gray Clay to		WH			4	_				
Soft, very moist, grey, Clay to Silty Clay A7-6		WH	0.3B	30	+					
only olay A7-0		WH	0.35	30		_		l		
		_ **:1			1			l		
329.2					1	304.2		1		
	25.0	WH			1		50.0	WH		

Silty Sand Medium, we	at brown	298.2		1 2	0.9B		To convert "N" values to "N60"							
Clay A7-6	or, brown,				0.90	43	values multiply by 1.25.	\Box						
1				1										
			_											
		294.2		<u> </u>										
Medium, ve	ery moist, brown,		60.0	2	0.00			85.0						
Clay A7-6				3 7	0.6B	29		-						
				ļ										
Hard, dry, b	-ll-C+-l	289.2	65.0	100/5"			1							
mard, dry, t	DIACK COAI		05.0	100/5		_		90.0						
							1							
								-						
				-										
Hard, dry, I	black Coal		70.0	100/3"			1	95.0						
				1				95.0						
							1							
				1										
1				1										
Hard, dry, I	black Coal			1				\dashv						
		070 7	75.0	100/01			1	100.0			1			
L		278.7		100/3"				100.0			J			
N-Std Pe	entr Test: 2	2" OD	Sample Type F	er, ail. B-	-Bulge	S-She	ear E-Estimated P-Penetr	ometerl						
						o one	ar B Bacimated r reneti	Ome cer /						
SOIL BORING LOGS							F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
				STRU			. 039-0075 (E.B.)			331	(12-1)B-1	JACKSON	200	108
}											THE THOTS SEED	CONTRACT	NO.	78056
	SHEET NO. 49 OF 53 SHEETS								ILLINOIS FED. AID PROJECT					

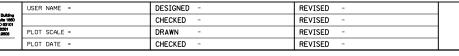
ree water observed at 29.5 ft

Elevation referenced to Bk East Abut Sta 338+89 Elevation = 383.47 ft.

Sheet 2 of 2 Date: 10/5/2004

BATES ASSOCIATES Engineering + Architecture





STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

Route: ILL 13
Section: County: Jackson

Station: 339+94
Offset: 30' LT CL
Ground Surface: 33
Soft, wet, brown, Sitty Clay
A7-6 with Sitt Loam layers

4 0.4B

SOIL BORING LOGS	RTE.	
FRUCTURE NO. 039-0075 (E.B.)	331	
SHEET NO. 49 OF 53 SHEETS		